

**ABSTRACT**  
**RECORDING SHEETS FOR INK JET PRINTING**

- 5      A recording sheet for ink jet printing described, which consists of a support having coated onto said support at least one ink receiving layer consisting of one or more binders and a mixture of different water insoluble, inorganic oxides of the elements aluminium or silicium, oxide/hydroxides of the element aluminium or aluminium silicates, wherein at least one of said
- 10    oxides, oxides/hydroxides or silicates has a pore volume of  $\geq 40$  ml / 100 g and is present in an amount of at least 8 weight percent relative to the total amount of all the water insoluble, inorganic oxides, oxide/hydroxides or silicates and that the primary particles of the mixture component with the largest volume have an equivalent sphere diameter of less than 20 nm and
- 15    the primary particles of the mixture component with the smallest volume have an equivalent sphere diameter that is at least  $1/20$  of the equivalent sphere diameter of the primary particles of the mixture component with the largest volume.